Claims

1. A method for positioning a shoe of a shoe press / shoe calender in a paper machine, **characterized** in that, in the method, the position of the shoe (11) of the shoe calender / shoe press is measured and that, in the method, the position of the shoe is controlled based on the results of the measurement so as to be as desired in the direction of nip compression.

2. A method according to claim 1, **characterized** in that, in the method, the position of the shoe (11) is measured by means of at least two position measuring sensors (15).

3. A method according to claim 1 or 2, **characterized** in that, in the method, the position of the shoe (11) is measured by means of the position measuring sensors (15) close to the edges of the driving side and the tending side of the machine.

4. A method according to any one of claims 1 to 3, **characterized** in that, in the method, the position of the shoe (11) is measured by means of three position measuring sensors (15) close to the edges of the driving and tending sides and in the middle of the machine.

5. A method according to any one of claims 1 to 4, **characterized** in that, in the method, the movement of the shoe (11) is regulated based on the measurement results utilizing a computing algorithm, and hydraulic cylinders (12) of the shoe (11) of the shoe press / shoe calender are controlled to operate such that the shoe (11) moves in a desired manner to a desired position.

6. A method according to any one of claims 1 to 5, **characterized** in that the shoe (11) is controlled to be closed into the nip formed against a backing roll/thermoroll in a manner that is optimal with respect to the running situation, advantageously in a desired position and/or at a desired speed.

7. An arrangement for positioning a shoe of a shoe press / shoe calender in a paper machine, which arrangement comprises a shoe roll (10) or equivalent which includes a shoe (11) and hydraulic cylinders (12) connected thereto for moving the shoe (11), **characterized** in that the arrangement comprises further at least two measuring devices (15) for measuring the position of the shoe (11) and means (12; 16_1, 16_2 ... 16_N; 17; 18_1, 18_2, ... 18_N; 19) for controlling the position of the shoe (11) based on the results obtained by means of the measuring devices so as to be as desired in the direction of nip compression.

8. An arrangement according to claim 7, **characterized** in that the measuring devices are position measuring sensors (15) which are placed close to the edges of the tending and driving sides of the machine.

9. An arrangement according to claim 7 or 8, **characterized** in that the arrangement further comprises means (18_1, 18_2, ... 18_N; 19) for moving the hydraulic cylinders (12) based on the results of the measurement in order to position the shoe (11) in a desired position.

10. An arrangement according to any one of claims 7 to 9, **characterized** in that the arrangement comprises a unit (17) in which a computing algorithm has been carried out based on the results of the measurement in order to give flow instructions to hydraulic valves which control the hydraulic cylinders (12) such that the hydraulic cylinders (12) move the shoe to a desired position.

11. An arrangement according to any one of claims 7 to 10, **characterized** in that the arrangement comprises three position measuring sensors (15), which are placed close to the tending and driving sides and in the middle of the machine.

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